

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)**

<b>NAME:</b> XTO ENERGY, INC
<b>ADDRESS:</b> 52260 WIK RD KENAI, AK 99611
<b>FACILITY:</b> EAST FORELANDS
<b>LOCATION:</b> 60° 31' 10" N; 151° 20' 31" W

(2-16) AKG 31 5003	(17-19) 015
PERMIT NUMBER	DISCHARGE NUMBER

☐ CHECK HERE IF NO DISCHARGE

**RECEIVED**

NOV 20 2009

DEC

Division of Water Quality  
Wastewater Discharge Program

MONITORING PERIOD			
FROM	YEAR	MONTH	DAY
2009	10	1	
(20-21)	(22-23)	(24-25)	

TO	YEAR	MONTH	DAY
2009	10	31	
(26-27)	(28-29)	(30-31)	

Division of Water Quality  
Wastewater Discharge Program  
SAMPLE TYPE (69-70)

PARAMETER  (32-37)			QUANTITY OR LOADING (46-53) (54-61)			QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	
			Average	Maximum	Units	Minimum	Average	Maximum	Units			
015 - Produced Water  FLOW	FLOW	Sample Measurement	0.150994065	0.215838	MGD	***	***	***	***	0	Weekly	Estimate
		Permit Requirement	***	***		***	***	***		Weekly	Estimate	
		015 - Produced Water PRODUCED SAND	Sample Measurement	***		***	***	No discharge		No discharge	No discharge	***
Permit Requirement	***	***	No discharge	No discharge	No discharge	***		***	***			
015 - Produced Water OIL & GREASE	Sample Measurement	***	***	***	***	8.6		9.8	mg/l	0	Weekly	
Permit Requirement	***	***	***		29	42	***	Weekly		Grab		
015 - Produced Water pH	Sample Measurement	***	***		***	7.3	***	7.4		SU	0	Weekly
Permit Requirement	***	***	6	***		9	***	Weekly	Grab			
015 - Produced Water TAH	Sample Measurement	***	***	***		***	14.01	14.01	mg/l		0	Monthly
Permit Requirement	***	***	***		24	32	***	Monthly		Grab		
015 - Produced Water TAqH	Sample Measurement	***	***		***	***	14.234	14.234		mg/l	0	Monthly
Permit Requirement	***	***	***	Report		Report	***	Monthly	Grab			
015 - Produced Water TOTAL AMMONIA	Sample Measurement	***	***	***		5.1	5.1	5.1	mg/l		0	Quarterly
Permit Requirement	***	***	Report		***	Report	***	Quarterly		Grab		
NAME TITLE PRINCIPAL												

NAME TITLE PRINCIPAL  
EXECUTIVE OFFICER

Ryan Tunseth  
HSE&T Coordinator

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

  
Signature

Telephone

Date (YR/MO/DAY)

907 776-2510

11/18/2009

**COMMENTS & EXPLANATION OF ANY VIOLATIONS:** WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 2nd Period 2009 WET tests were taken on 07/21/09 and were submitted with the August-09 DMR. WET Test Re-Screening [Section III.A.2.- Permit # AKG-31-5000] was completed in October of 2009 ...no toxicity was observed in any of the species. Additionally the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 4th Quarter 2009 sample results are shown.

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(2-16)	(17-19)
AKG 31 5003	015
PERMIT NUMBER	DISCHARGE NUMBER

<input type="checkbox"/>	CHECK HERE IF NO DISCHARGE
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MONITORING PERIOD							
FROM	YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
	2009	10	1		2009	10	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)	

PARAMETER (32-37)		QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO EX. (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
		Sample Measurement	Permit Requirement	Sample Measurement	Permit Requirement	Sample Measurement	Permit Requirement	Sample Measurement			
015 - Produced Water COPPER	Sample Measurement	***	***	***	***	5.68	5.68	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***	***	***	60	90	ug/l	***	Quarterly	Grab
	Sample Measurement	***	***	***	***	0.00	0	ug/l	0	Quarterly	Grab
015 - Produced Water MERCURY	Sample Measurement	***	***	***	***	0.5	0.8	ug/l	***	Quarterly	Grab
	Permit Requirement	***	***	***	***	0.751	0.751	mg/l	0	Quarterly	Grab
	Sample Measurement	***	***	***	***	7.9	15.8	mg/l	***	Quarterly	Grab
015 - Produced Water MANGANESE	Sample Measurement	***	***	***	***	0.00	0	ug/l	0	Quarterly	Grab
	Permit Requirement	***	***	***	***	46	149	ug/l	***	Quarterly	Grab
	Sample Measurement	***	***	***	***	0.0296	0.0296	mg/l	0	Quarterly	Grab
015 - Produced Water SILVER	Sample Measurement	***	***	***	***	3.1	6.1	mg/l	***	Quarterly	Grab
	Permit Requirement	***	***	***	***	< 625	< 625	TUC	0	Semi Annual	Grab
	Sample Measurement	***	***	***	***	1209	2425	TUC	***	Semi Annual	Grab
015 - Produced Water ZINC	Sample Measurement	***	***	***	***	< 625	< 625	TUC	0	Semi Annual	Grab
	Permit Requirement	***	***	***	***	1209	2425	TUC	***	Semi Annual	Grab
	Sample Measurement	***	***	***	***	< 625	< 625	TUC	0	Semi Annual	Grab
015 - Produced Water WET - <i>Mytilus galloprovincialis</i> (invertebrate)	Sample Measurement	***	***	***	***	< 625	< 625	TUC	0	Semi Annual	Grab
	Permit Requirement	***	***	***	***	< 625	< 625	TUC	0	Semi Annual	Grab
	Sample Measurement	***	***	***	***	< 625	< 625	TUC	0	Semi Annual	Grab
NAME TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							Telephone	Date (YR/MO/DAY)		
								907 776-2510	11/18/2009		
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